

1) Find the difference in length between:

- a) the pencil case and the leaf
- b) the table and the pencil case
- c) the pencil case and the banana
- d) the banana and the pen



Item	Length
leaf	6cm
pen	12cm 4mm
banana	200mm
pencil case	25cm
table	1m 7cm

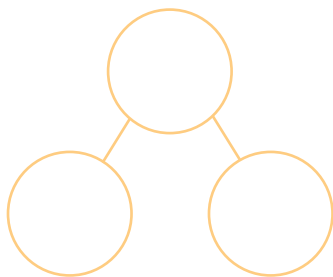
2) a) Josef jumps 4 metres. Julia jumps 1m 24cm less than Josef. Complete the calculation to find how far Julia jumped.

$$4\text{m} - 1\text{m} = \underline{\hspace{1cm}} \text{ m}$$
$$\underline{\hspace{1cm}} \text{ m} - 24\text{cm} = \underline{\hspace{1cm}} \text{ m and } \underline{\hspace{1cm}} \text{ cm}$$

b) Write a similar calculation to solve  $6 - 2\text{m } 54\text{cm}$

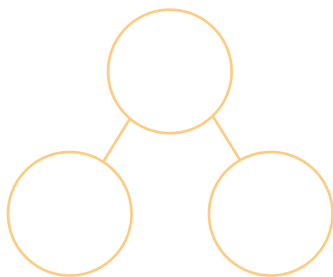
3) a) A ball of string is 10m long. Tiana uses 1m 80cm to tie up a parcel. Use the part-whole model to complete the calculation and find out how much string is left.

$$200\text{cm} - 180\text{cm} = \underline{\hspace{1cm}} \text{ cm}$$
$$\underline{\hspace{1cm}} \text{ m} + \underline{\hspace{1cm}} \text{ cm} = \underline{\hspace{1cm}} \text{ m and } \underline{\hspace{1cm}} \text{ cm}$$



b) Write a similar calculation to solve

$$8\text{m} - 2\text{m } 65\text{cm}$$



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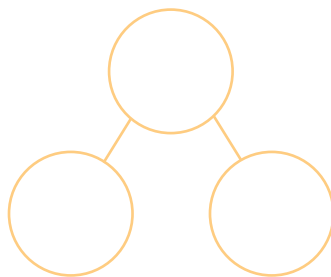
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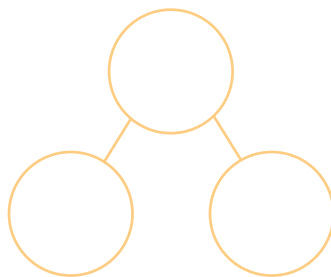
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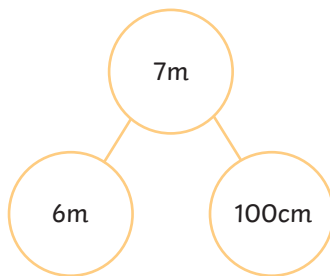
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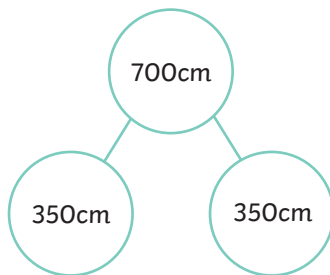
- 1) Morris wants to use a part-whole model to help him calculate  $7\text{m} - 1\text{m}$   $56\text{cm}$ . Which part-whole model would you suggest he uses? Give your reasons.



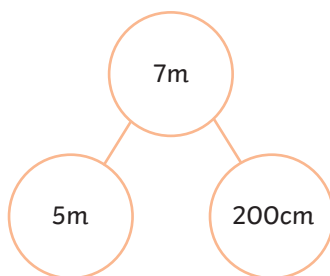
a)



b)



c)



- 2) Joni is making a path  $120\text{m}$  long along the side of the school field. She has laid  $65\text{m}$  of slabs and  $26\text{m}$  of gravel.

How much more of the path does she need to cover?

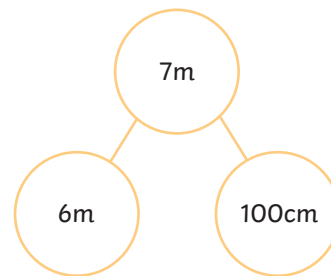


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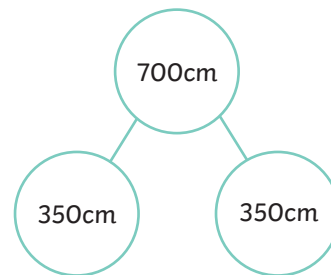
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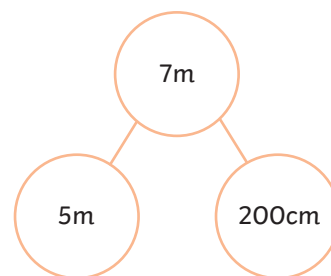
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- 1) A full roll of ribbon measures 5m.

The labels show how much was left on each roll.



		
3m 17cm	37cm	2m 27cm

**Carrie:** I used 4m 63cm.

**Kenny:** I used 2m 73cm.

**Shay:** I used 1m 83cm.

Which colour ribbon did each child use?

- 2) The classroom wall is 3m 24cm high.

- a) Use the clues to work out the height of each child.

Julia	Joni	Morris
I am 1m 88cm shorter than the classroom.	I am 175cm shorter than the classroom.	I am 320mm shorter than Joni.

- b) How much shorter than the classroom wall is Morris?

- 3) Measure the height of your teacher and the height of four friends. Create your own statements comparing the height of your teacher and your friends.

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